

**MET's Bhujbal Knowledge City  
Institute of Engineering  
Department of Electrical Engineering**

**Report of “Industrial Visit at Sterling Motors Assembly, Nashik”**

**Class: B.E.**

**Academic Year: 2023-24**

**SEM: I**

The Industrial visit is organized for Final Year Electrical Engineering students at **Sterling Motors Assembly, Nashik** on date 11/10/2023. The student able to know about application of Control system in electric and hybrid vehicle, different parameters of control system used for motor control.

**Photos:**







\*\*\*\*\*End of Report\*\*\*\*\*



**MET's Bhujbal Knowledge City  
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Department of Electrical Engineering**

**Report of “Industrial Visit at Sivananda Electronics Deolali, Nashik”**

**Class: T.E.**

**Academic Year: 2023-24**

**SEM: I**

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The Industrial visit is organized for Third Year Electrical Engineering students at **Sivananda Electronics Deolali, Nashik** on date 06/10/2023. The students got to know about power electronics components, power electronics kits and its manufacturing.

**Photos:**









\*\*\*\*\*End of Report\*\*\*\*\*



**MET's Bhujbal Knowledge City  
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Department of Electrical Engineering**

**Report of “Industrial Visit at Vaitarna Hydroelectric Power station”**

**Class: S.E.**

**Academic Year: 2022-23**

**SEM: II**

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The Industrial visit is organized for Second Year Electrical Engineering students at **Vaitarna Hydroelectric Power station** on date 11/05/2023. The students got to know about electricity generation through hydro power plant. Students are also able to know about the installed capacity of Vaitarna Hydroelectric Power Plant which is 60 Megawatt with one Francis Turbine and its live working.

**Photos:**









## INDUSTRIAL VISIT

of **Second Year Electrical Engineering** students  
of **MET Bhujbal Knowledge City Institute of Engineering,**  
Nashik at

## VAITARNA HYDROELECTRIC POWER STATION

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\*\*\*\*\*End of Report\*\*\*\*\*



**MET's Bhujbal Knowledge City  
Institute of Engineering  
Department of Electrical Engineering**

**Report of “Industrial Visit at Setu Electrical & Transformer, Dindori,  
Nashik”**

**Class: T.E.**

**Academic Year: 2022-23**

**SEM: II**

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The Industrial visit is organized for Third Year Electrical Engineering students at **Setu Electrical & Transformer** on date 12/05/2023. The students got to know about Transformer, its parts and manufacturing.

**Photos:**





## INDUSTRIAL VISIT

of Third Year Electrical Engineering students  
of MET Bhujbal Knowledge City Institute of Engineering  
Nashik at

## SETU ELECTRICAL & TRANSFORMER, Dindori, Nashik

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\*\*\*\*\*End of Report\*\*\*\*\*



**MET's Bhujbal Knowledge City,  
Institute of Engineering, Nasik  
Department of Electrical Engineering  
Industrial Visit Report**

Department of Electrical Engineering organized an Industrial Visit of Third-year students at Shiv Electronics, Satpur MIDC, Nashik on 26-09-2022. Students studied the technically advanced applications in the form of industrial & practical aspects which are helping them correlate with theoretical knowledge. The practical implementation exposure is experienced by TE Electrical Engineering students which have added knowledge and different dimension of thinking in the line of technology.

**Industrial Visit:** Shiv Electronics, Satpur MIDC, Nashik

**Department:** Electrical Engineering

**Date:** 26-09-2022

**Year:** Third Year Electrical Engineering

**Number of students:** 68

**Faculties:**

Prof. Kishor Ugale,  
Prof. Kirti Kulkarni,  
Prof. Mahesh Giri,  
Mr. Sanjay Amrutkar.

**The list of students and faculties is annexed.**

**The details of the Industrial Visit are as follows:**

Electrical Engineering Department has arranged an Industrial Visit for third-year Electrical Engineering students for the subject of Power Electronics to Shiv Electronics, Satpur MIDC, Nashik on 26th September 2022.

Shiv electronics is established in the year 2005. Shiv Electronics are engaged in manufacturing a comprehensive assortment of Electric Inverter, Online UPS, Power Control Stabilizer, Water Heating Systems, Electrical Charger, Electronic Ballast, Power Supply, Solar Power Systems, Lift Backup System, LED Lighting System, and Elevator Automatic Rescue Device.

**Photograph of Industrial Visit:**







\*\*\*\*\*End of Report\*\*\*\*\*

**MET's Bhujbal Knowledge City,  
Institute of Engineering, Nasik  
Department of Electrical Engineering  
Industrial Visit Report**

Department of Electrical Engineering organized Industrial Visit of Third year students at NASHIK TRANSFORMER INDUSTRIES, F 43, MIDC, Satpur Colony, Nashik on 11-05-2022. Students studied the technically advanced applications in the form of industrial & practical aspects which are helping to them correlate with theoretical knowledge. The practical implementation exposure is experienced by TE Electrical Engineering students which have added the knowledge and different dimension of thinking in line of technology.

Industrial Visit: NASHIK TRANSFORMER INDUSTRIES, F 43, MIDC, Satpur Colony, Nashik

Department: Electrical Engineering

Date: 11-05-2022

Year : Third year Electrical Engineering

Number of students: 65

Faculties:

Prof. Rahul Nikam.      Prof. Netake Abhilash      Prof. Pandhi Tushar  
Mr. Dabe Nilesh P.

List of students and faculties is annexed.

The details of Industrial Visit are as follows:

Electrical Engineering Department has arranged an Industrial Visit of Third year Electrical Engineering students for the subject of Computer Aided Design of Electrical Machines to NASHIK TRANSFORMER INDUSTRIES, F 43, MIDC, Satpur Colony, Nashik on 11<sup>th</sup> May 2022.

**Nashik Transformer Industries** offers a complete range of distribution **transformers** designed to grant the reliability, durability, and efficiency required in utility, industrial, and commercial applications. The **transformers** are available in a variety of capacities ranging from KVA to MVA. Factory is well equipped with high standard machinery and testing equipments with capability to tackle with wide range and different types of Transformers. They have highly skilled workers and qualified engineers and have the capacity to manufacture Transformers up



to 22 MVA and repair the various type of transformers up to 100 MVA. Also provides the moving panels for transferring materials for easy operating the transformer.

### **Photograph Of Industrial Visit:**



\*\*\*\*\*End of Report\*\*\*\*\*

**MET's Bhujbal Knowledge City,  
Institute of Engineering, Nasik**

**Department of Electrical Engineering**

**Industrial Visit Report**

Department of Electrical Engineering organized Industrial Visit of Fourth year students at Dhanraj Switchgear Pvt. Ltd. Ambad Nashik on 20/04/2022 for the subject Switchgear and Protection. Students studied the technically the manufacturing process of switchgear panel and their application in the form of industrial & practical aspects which are helping to them correlate with theoretical knowledge. The practical implementation exposure is experienced by BE Electrical Engineering students which have added the knowledge and different dimension of thinking in line of technology.

**Industrial Visit:** Dhanraj Switchgear Pvt. Ltd. Ambad Nashik

**Department:** Electrical Engineering

**Date:** 20/ 04/ 22

**Year :** Fourth year Electrical Engineering

**Number of students:** 61

Prof. Rahul Nikam

Prof. Tushar Pandhi

Prof. Abhilash Netake

Mr. Sanjay Amrutkar



**Faculties:**

**List of students is annexed.**

**The details of Industrial Visit are as follows:**

Electrical Engineering Department has arranged an Industrial Visit of Fourth year Electrical Engineering students for the subject of Switchgear and Protection to Dhanraj Switchgear Pvt. Ltd. , Ambad, Nashik on 20/04/2022

Dhanraj Switchgears Pvt. Ltd. is leading manufacturer and supplier of Electrical HV & MV Electrical panel. Highly acclaimed in various industries to check the proper operation function of the circuit breaker, their offered electrical panel is manufactured using optimum quality components and ultra-modern technology. In line with set industry standards, they provide this electrical panel with different technical specifications to cater client's variegated requirements.

HV and MV control panel design and wiring schematic are understood by the students during this visit. Cross section for the electrical devices to be fitted on the panel are cut by the laser cutting technology, different material are used for different types of panel and also as per the requirement of the customer.

Electrical panel manufacturing, wiring, testing are completed in the plant as per the requirement of the client. These processes are well understood by the students.

**Photograph of Industrial Visit:**







\*\*\*\*\*End of Report\*\*\*\*\*

**MET's Bhujbal Knowledge City,  
Institute of Engineering, Nashik  
Department of Electrical Engineering  
Industrial Visit Report**

Department of Electrical Engineering organized Industrial Visit of Third year students at Gilbert Maxwell Transformer Pvt., Ltd, Satpur, Nashik on 03-02-2020. Students studied the technically advanced applications in the form of industrial & practical aspects which are helping to them correlate with theoretical knowledge. The practical implementation exposure is experienced by TE Electrical Engineering students which have added the knowledge and different dimension of thinking in line of technology.

Industrial Visit: Gilbert Maxwell Transformer Pvt., Ltd., Plot No. 95/10 A, Satpur, Nashik

Department: Electrical Engineering

Date: 03-02-2020

Year : Third year Electrical Engineering

Number of students: 51

Faculties:

Prof. Ugale Kishor

Mr. Sanjay Amrutkar.

List of students and faculties is annexed.

The details of Industrial Visit are as follows:

Electrical Engineering Department has arranged an Industrial Visit of Third year Electrical Engineering students for the subject of Power System-II to Gilbert Maxwell Transformer Pvt., Ltd., Plot No. 95/10 A, Satpur, Nashik on 03<sup>rd</sup> Feb 2020.

It is manufacturers of Current, Voltage & Special Control Transformers at Nashik, India. upto 1100 V. GMTPL is a quality manufacturer of CT's, VT's Control Transformers, Inductors (chokes) for manufacturing Electromagnetic Products mainly in Switchgear and Industrial Electronics Companies. As Transformer related all points included in the subject Power System-II, visit is beneficial for TE students to enhance their practical knowledge.

**Photograph Of Industial Visit:**







\*\*\*\*\*End of Report\*\*\*\*\*

**MET's Bhujbal Knowledge City,**

**Institute of Engineering, Nasik**

**Department of Electrical Engineering**

**Industrial Visit Report**

Department of Electrical Engineering organized Industrial Visit of Fourth year students at HVDC Padghe Terminal Station, Padghe(Dist-Thane) on 03/10/2019. Students studied the technically advanced applications in the form of industrial & practical aspects which are helping to them correlate with theoretical knowledge. The practical implementation exposure is experienced by BE Electrical Engineering students which have added the knowledge and different dimension of thinking in line of technology.

**Industrial Visit:** HVDC Padghe Terminal Station, Padghe(Dist-Thane)

**Department:** Electrical Engineering

**Date:** 03/10/2019

**Year :** Fourth year Electrical Engineering

**Number of students:** 40

**Faculties:**

Prof.Rahul Nikam

Prof. Tushar Pandhi

Prof. Kirti Kulkarni

Prof. Tushar Wadghule

**List of students and faculties is annexed.**

**The details of Industrial Visit are as follows:**

Electrical Engineering Department has arranged an Industrial Visit of Fourth year Electrical Engineering students for the subject of Power System Operation & Control to HVDC Padghe Terminal Station, Padghe(Dist-Thane) on 03/10/2019.

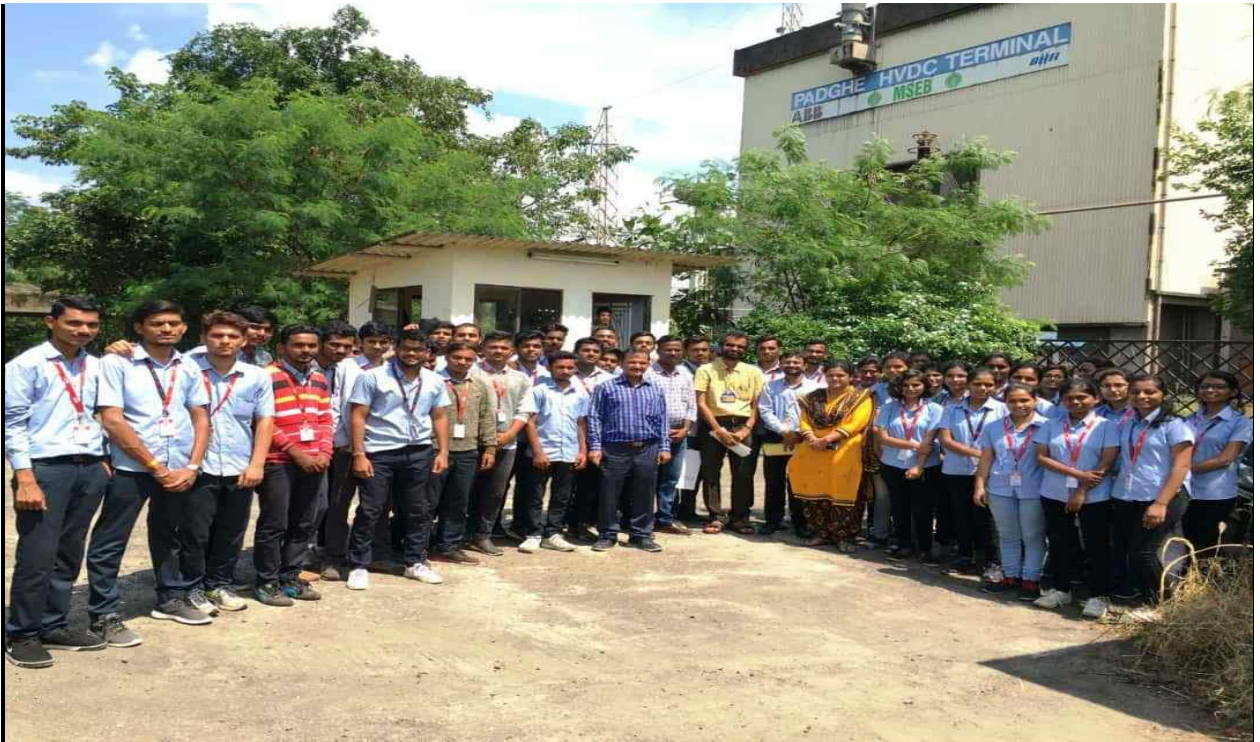
This HVDC Padghe Terminal Station, Padghe(Dist-Thane) considered incoming power at 132 KV and the power was transferred to main bus through isolator-circuit breaker-isolator combination. The power from main bus was fed into a 20MVA transformer which stepped the voltage down to 33KV.The power is then fed into a 33KV bus from which different loads were tapped. In the process, the surge impedance loading of 132 KV and 33 KV lines were calculated and they were used to estimate the maximum power that can be transferred by one transmission line. Those practical aspects helping BE Students to understand the basic concepts, design and estimation of distribution systems & substation , to enable candidate to design earthing system for residential and industrial premises , to understand practical aspects of condition monitoring and maintenance of various electrical equipment, to learn testing methods of various electrical equipment etc.

**Photograph Of Industial Visit:**









\*\*\*\*\*End of Report\*\*\*\*\*



MET's Bhujbal Knowledge City,  
Institute of Engineering, Nasik  
**Department of Electrical Engineering**  
**Industrial Visit Report**

Department of Electrical Engineering organized Industrial Visit of Second year students at Rishabh Instruments Pvt. Ltd., Ambad MIDC, Nashik on 08-08-2019. Students studied the technically advanced applications in the form of industrial & practical aspects which are helping to them correlate with theoretical knowledge. The practical implementation exposure is experienced by SE Electrical Engineering students which have added the knowledge and different dimension of thinking in line of technology.

**Industrial Visit:** Rishabh Instruments Pvt. Ltd., Ambad MIDC, Nashik

**Department:** Electrical Engineering

**Date:** 08-08-2018

**Year :** Second year Electrical Engineering

**Number of students:** 38

**Faculties:**

Prof. Tushar Wadghule

Prof. Kishor Ugale

Prof. Yogesh Patni

**List of students and faculties is annexed.**

**The details of Industrial Visit are as follows:**

Electrical Engineering Department has arranged an Industrial Visit of Second year Electrical Engineering students for the subject of Electrical Measurement & Instrumentation to Rishabh Instruments Pvt. Ltd., Ambad MIDC, Nashik on 08-08-2019.

Rishabh Instruments Pvt. Ltd. is a manufacturer & leading supplier of testing & measuring Instruments, Digital panel meter, various software, Relays, Electrical testing & measuring tools etc. As Classification of Measuring Instruments, Measurement of Resistance, Inductance, Power, Energy, level, Displacement etc are included in the subject Electrical Measurement & Instrumentation, visit is beneficial for SE students to enhance their practical knowledge.

**Photograph Of Industial Visit:**





\*\*\*\*\*End of Report\*\*\*\*\*